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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1

of

2

**Complete if Known**

Application Number	10/083.773
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10/083.773

<b>Filing Date</b>	February 27, 2002
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February 27, 2002

First Named Inventor	William Arthur Welsh
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**William Arthur Welsh**

### Group Art Unit

Examiner Name

Attorney Docket Number 67.008-041/S-5453

67.008-041/S-5453

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	9/21/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/083,773
		Filing Date	February 27, 2002
		First Named Inventor	William Arthur Welsh
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	67,008-041/S-5453
Sheet 2	of 2		

[illegible]

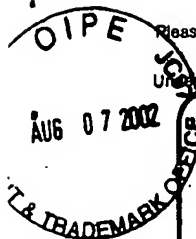
Examiner Signature		Date Considered	9/21/05
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

### Complete if Known

Application Number	10/083,773
Filing Date	February 27, 2002
First Named Inventor	Welsh
Group Art Unit	2644
Examiner Name	Unknown
Attorney Docket Number	67008-041

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### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JK		MACMARTIN, DOUGLAS G., DAVIS, MARK W., YOERKIE, JR., CHARLES A., WELSH, WILLIAM A., Helicopter Gear-Mesh ANC Concept Demonstration, United Technologies Research Center, East Hartford, CT and Sikorsky Aircraft Corporation, Stratford, CT
JK		MILLOTT, THOMAS A., WELSH, WILLIAM A., YOERKIE, JR., CHARLES A., MACMARTIN, DOUGLAS G., DAVIS, MARK W., Flight Test of Active Gear-Mesh Noise Control on the S-76 Aircraft, United Technologies Research Center, East Hartford, CT and
JK		(CONTINUED) ... Sikorsky Aircraft Corporation, Stratford, CT. Presented at the American Helicopter Society 54th Annual Forum, Washington, D.C., May 20-22, 1998, American Helicopter Society, Inc.
JK		DAVIS, MARK W., Refinement and Evaluation of Helicopter Real-Time Self-Adaptive Active Vibration Controller Algorithms, NASA Contractor Report 3821, August 1984

Examiner  
Signature

*John L...*

Date  
Considered

9/21/05

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Substitute for form 1449B/PTO		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/083,773
		Filing Date	February 27, 2002
		First Named Inventor	William Arthur Welsh
		Group Art Unit	2644
		Examiner Name	
Sheet 1	of 1	Attorney Docket Number	67,008-041/S-5453

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JK		U.S. Patent Application: "COMPUTATIONALLY EFFICIENT MEANS FOR OPTIMAL CONTROL WITH CONTROL CONSTRAINTS", Serial No. 10/083774, filed 2/27/02. (Our File No. 67,008-038)	
JK		U.S. Patent Application: "SYSTEM FOR COMPUTATIONALLY EFFICIENT ADAPTATION OF ACTIVE CONTROL OF SOUND OR VIBRATION", Serial No. 10/084,254, filed 2/27/02. (Our File No. 67,008-039)	
JK		U.S. Patent Application: "ADAPTATION PERFORMANCE IMPROVEMENTS FOR ACTIVE CONTROL OF SOUND OR VIBRATION", Serial No. 10/803,949, filed 2/27/02 now Patent No. 6,772,074, issued 8/3/04. (Our File No. 67,008-040)	
JK		U.S. Continuation Application: "ADAPTATION PERFORMANCE IMPROVEMENTS FOR ACTIVE CONTROL OF SOUND OR VIBRATION", Serial No. 10/786,686, filed 2/25/04 now Patent No. 6,856,920, issued 2/15/05. (Our File No. 67,008-083)	
		U.S. Patent Application: "COMPUTATIONALLY EFFICIENT MEANS FOR OPTIMAL CONTROL WITH CONTROL CONSTRAINTS, Serial No. 10/085,037, filed 2/26/02) (Our File No. 67,008-037)	

Examiner Signature	<i>James Z...</i>	Date Considered	9/21/05
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